CYBERCORE integration center

Cybercore Threat Analysis

Idaho National Laboratory's Cybercore Integration Center blends technical expertise with threat analysis to counter cyberattacks targeting industrial control systems (ICS) within critical infrastructure.

To achieve mission success, the center combines seasoned control systems cybersecurity analysts, experienced power engineers, cyber researchers, and control systems experts to perform cutting-edge analysis. This supports national security initiatives that strengthen the security and resilience of critical infrastructure against cyberattacks.

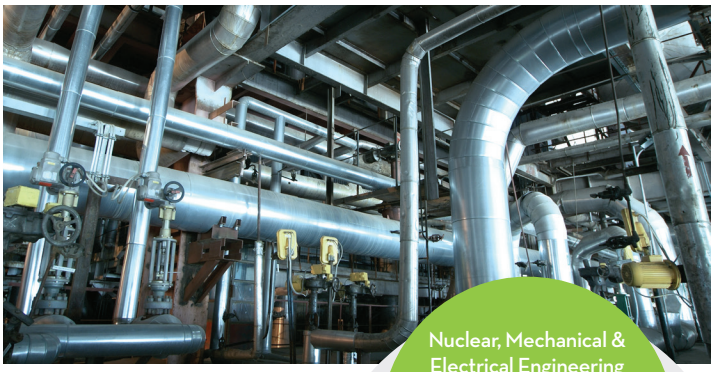
Control Systems Cybersecurity Analysts

Cybercore's control systems cybersecurity analysts represent a unique fusion of academic training and professional expertise. They must demonstrate proficiency in analytic standards and tradecraft in addition to boasting advanced degrees ranging from nuclear, mechanical and electrical engineering, to computer and information sciences. Cybercore analysts combine traditional all-source threat analysis with the technical acumen of understanding engineering and systems documentation, operational technology networks, programming languages, and foreign language skills to produce technically sound analytic products.

Blending actionable intelligence with cybersecurity and control systems expertise to protect our nation's critical infrastructure.

Changing the World's Energy Future

INL Idaho National Laboratory

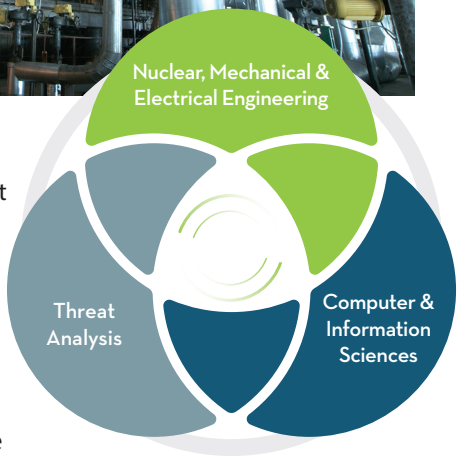


Control System Threat Analysis

Similarly, control systems threat analysts must maintain a strategic perspective of the threat landscape while remaining able to analyze evolving cyber threats targeting the operational technology environment. They monitor a wide variety of data sources to maintain awareness of newly discovered vulnerabilities within control systems, the ability to exploit those vulnerabilities via cyber means, and the subsequent potential impact to critical infrastructure.

Across the Cybercore team, analysts command both a broad and deep understanding of control system integration within multiple critical infrastructure sectors, control system functionality within those sectors, and vulnerabilities inherent to those control systems.

This insight, when merged with in-house cyber, power and control systems subject matter expertise, elevates Cybercore's capabilities to develop novel, comprehensive solutions to protect vital industrial control systems from cyber threats.



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